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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/826,579	04/16/2004	Qiuzhen Zou	010093UIC1	1769

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QUALCOMM INCORPORATED  
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EXAMINER
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HARRELL, ROBERT B

ART UNIT	PAPER NUMBER
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2142

NOTIFICATION DATE	DELIVERY MODE
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05/19/2008

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

us-docketing@qualcomm.com  
kascanla@qualcomm.com  
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Art Unit: 2142

1. Old claims 1-17 and New claims 18-46 present for consideration.

2. Since a patent may only be granted on an invention (each in the singular), restriction to one of the following inventions is required under 35 U.S.C. 121 (see 37 CFR 1.141):

Group I. Claims 1-17, drawn to an apparatus and system for transferring digital data at a high rate between a host device and a client device over a communication path for presentation to a user

Classified in Class 709, subclass 230.

Group II. Claims 18-26 and 31-46, drawn to a method, apparatus, and computer product for power reduction in a digital data interface communication data link

Classified in Class 710, subclass 108.

Group III. Claims 27-30, drawn to a method of restarting a digital data interface communication data link from a hibernation mode

Classified in Class 370, subclass 507.

3. Inventions I and II are related as subcombinations disclosed as useable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately useable. In this instant case, invention of Group I has separate utility such as in an apparatus and system for transferring digital data at a high rate between a host device and a client device over a communication path for presentation to a user not used in a method, apparatus, and computer product for power reduction in a digital data interface communication data link as claimed in Group II.

4. Inventions I and III are related as subcombinations disclosed as useable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately useable. In this instant case, invention of Group I has separate utility such as in an apparatus and system for transferring digital data at a high rate between a host device and a client device over a communication path for presentation to a user not used in a method of restarting a digital data interface communication data link from a hibernation mode as claimed in Group III.

5. Inventions II and I are related as subcombinations disclosed as useable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately useable. In this instant case, invention of Group II has separate utility such as in a method, apparatus, and computer product for power reduction in a digital data interface communication data link not used in an apparatus and system for transferring digital data at a high rate between a host device and a client device over a communication path for presentation to a user as claimed in Group I.

6. Inventions II and III are related as subcombinations disclosed as useable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately useable. In this instant case, invention of Group II has separate utility such as in a method, apparatus, and computer product for power reduction in a digital data interface communication data link not used in a method of restarting a digital data interface communication data link from a hibernation mode as claimed in Group III.

7. Inventions III and I are related as subcombinations disclosed as useable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately useable. In this instant case, invention of Group III has separate utility such as in a method of restarting a digital data interface communication data link from a hibernation mode not used in an apparatus and system for transferring digital data at a high rate between a host device and a client device over a communication path for presentation to a user as claimed in Group I.

8. Inventions III and II are related as subcombinations disclosed as useable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately useable. In this instant case, invention of Group III has separate utility such as in a method of restarting a digital data interface communication data link from a hibernation mode not used in a method, apparatus, and computer product for power reduction in a digital data interface communication data link as claimed in Group II.

9. An undue burden would be placed upon examiner since the search each Group would be in classes and subclasses not required for the other Groups.

10. Because these inventions are independently distinct from each other for the reasons given above and because they have acquired a separate status in the art as shown by their different classification and their recognized divergent subject matter and the search for each Group is not required for the other Group, restriction for examination purposes as indicated is proper.

11. Applicant is advised that the response to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed.

12. The applicant is also advised that the response must be submitted to the Office ***within ONE [1] Month*** or 30 days, whichever is longest.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert B. Harrell whose telephone number is (571) 272-3895. The examiner can normally be reached Monday thru Thursday from 5:30 am to 2:00 pm.

14. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell, can be reached on (571) 272-3868. The fax phone number for all papers is (571) 273-8300.

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15. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-9600.

/Robert B. Harrell/  
ROBERT B. HARRELL  
PRIMARY EXAMINER  
GROUP 2142